

**CERAMIC REINFORCEMENT MEMBERS
FOR MRI DEVICES**

ABSTRACT OF THE DISCLOSURE

The present invention relates to a
5 reinforced magnetic resonance imaging catheter. The catheter comprises an elongated body having at least one lumen extending therethrough. The elongated body also includes a proximal end, a distal end, and circumference, a longitudinal axis running between
10 the proximal and distal ends, and a coaxial layer that incorporates at least one elongated ceramic member. An antenna is operably disposed proximate the distal end the elongated body.